

COMBINED DECLARATION AND POWER OF ATTORNEY

(Original, Design, National Stage of PCT, Divisional, Continuation or C-I-P Application)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Controlling Boundary Layer Fluid Flow

This declaration is of the following type:

- ☐ original
- ☐ design
- ☒ national stage of
- ☐ divisional
- ☐ continuation
- ☐ continuation-in-part (C-I-P)

the specification of which: *(complete (a), (b), or (c))*

- (a) ☐ is attached hereto.
- (b) ☒ was filed as United States Patent Application Serial No. 10/517,798 on December 13, 2004.
- (c) ☐ was described and claimed in PCT International Application No. _____ filed on ____ and was amended on *(if applicable)*.

Acknowledgement of Review of Papers and Duty of Candor

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of the subject matter claimed in this application in accordance with Title 37, Code of Federal Regulations § 1.56.

☐ In compliance with this duty there is attached an information disclosure statement. 37 CFR 1.98.

Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT International Application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT International Application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application on which priority is claimed

(complete (d) or (e))

- (d) ☐ no such applications have been filed.
- (e) ☒ such applications have been filed as follows:

| PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO SAID APPLICATION | | | |
|--|-----------------|--------------------------------------|--------------------------------------|
| COUNTRY | APPLICATION NO. | DATE OF FILING (day, month, year) | PRIORITY CLAIMED UNDER 35 USC 119 |
| | | | |
| ALL FOREIGN APPLICATION(S) IF ANY, FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO SAID APPLICATION | | | |
| GB | 0213551.5 | 13, June, 2002 | Yes |

Claim for Benefit of Prior U.S. Provisional Application(s)

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

| Provisional Application Number | Filing Date |
|--------------------------------|-------------|
| | |
| | |

Claim for Benefit of Earlier U.S./PCT Application(s) under 35 U.S.C. 120

(complete this part only if this is a divisional, continuation or C-I-P application)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

| | | |
|--|-----------------------------|--|
| PCT/GB03/02548 (Application Serial No.) | 06/13/2003 (Filing Date) | Published (Status) (patented, pending, abandoned) |
| | | |

Power of Attorney

As a named inventor, I hereby appoint the practitioners at Customer Number 21003 of the firm of BAKER BOTTS L.L.P., with offices at 30 Rockefeller Plaza, New York, New York 10112, as attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

| | |
|--|--|
| SEND CORRESPONDENCE TO: BAKER BOTTS L.L.P. 30 ROCKEFELLER PLAZA, NEW YORK, N.Y. 10112 CUSTOMER NUMBER 21003 | DIRECT TELEPHONE CALLS TO: BAKER BOTTS L.L.P. (212) 408-2500 |
|--|--|

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| | | | |
|-------------------------------------|---|--------------------------|---------------------------|
| FULL NAME OF SOLE OR FIRST INVENTOR | LAST NAME | FIRST NAME | MIDDLE NAME |
| | Choi | Kwing-So | |
| RESIDENCE & CITIZENSHIP | CITY | STATE or FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP |
| | Nottingham | Great Britain | Korea |
| POST OFFICE ADDRESS | POST OFFICE ADDRESS | CITY | STATE or COUNTRY ZIP CODE |
| | University of Nottingham, School of Mechanical, Materials, Manufacturing, Engineering and Management, University Park | Nottingham | Great Britain NG7 2RD |
| DATE | SIGNATURE OF INVENTOR | | |
| | 6 July 2005 | | |
| FULL NAME OF SECOND INVENTOR | LAST NAME | FIRST NAME | MIDDLE NAME |
| | Hutchins | Nicholas | |
| RESIDENCE & CITIZENSHIP | CITY | STATE or FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP |
| | Minneapolis | Minnesota | Great Britain |
| POST OFFICE ADDRESS | POST OFFICE ADDRESS | CITY | STATE or COUNTRY ZIP CODE |
| | University of Minnesota, Department of Aerospace Engineering, 107 Ackerman Hall, lab 30, 100 Union Street SE | Minneapolis | Minnesota 55455 |
| DATE | SIGNATURE OF INVENTOR | | |
| | | | |
| FULL NAME OF THIRD INVENTOR | LAST NAME | FIRST NAME | MIDDLE NAME |
| | Chun | Ho | Hwan |
| RESIDENCE & CITIZENSHIP | CITY | STATE or FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP |
| | Busan | Korea | Korea |
| POST OFFICE ADDRESS | POST OFFICE ADDRESS | CITY | STATE or COUNTRY ZIP CODE |
| | Pusan National University, 30 Changeon-dong, Kumjeng-ku | Busan | Korea |
| DATE | SIGNATURE OF INVENTOR | | |
| | | | |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| | | | |
|-------------------------------------|--|---|---|
| FULL NAME OF SOLE OR FIRST INVENTOR | LAST NAME Choi | FIRST NAME Kwing-So | MIDDLE NAME |
| RESIDENCE & CITIZENSHIP | CITY Nottingham | STATE or FOREIGN COUNTRY Great Britain | COUNTRY OF CITIZENSHIP Korea |
| POST OFFICE ADDRESS | POST OFFICE ADDRESS University of Nottingham, School of Mechanical, Materials, Manufacturing, Engineering and Management, University Park | CITY Nottingham | STATE or COUNTRY Great Britain |
| DATE | SIGNATURE OF INVENTOR | | |
| FULL NAME OF SECOND INVENTOR | LAST NAME Hutchins | FIRST NAME Nicholas | MIDDLE NAME |
| RESIDENCE & CITIZENSHIP | CITY Minneapolis | STATE or FOREIGN COUNTRY Minnesota | COUNTRY OF CITIZENSHIP Great Britain |
| POST OFFICE ADDRESS | POST OFFICE ADDRESS University of Minnesota, Department of Aerospace Engineering, 107 Ackerman Hall, lab 30, 100 Union Street SE | CITY Minneapolis | STATE or COUNTRY Minnesota |
| DATE 20 th JULY 2005 | SIGNATURE OF INVENTOR | | |
| FULL NAME OF THIRD INVENTOR | LAST NAME Chun | FIRST NAME Ho | MIDDLE NAME Hwan |
| RESIDENCE & CITIZENSHIP | CITY Busan | STATE or FOREIGN COUNTRY Korea | COUNTRY OF CITIZENSHIP Korea |
| POST OFFICE ADDRESS | POST OFFICE ADDRESS Pusan National University, 30 Changjeon-dong, Kumjeng-ku | CITY Busan | STATE or COUNTRY Korea |
| DATE | SIGNATURE OF INVENTOR | | |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| | | | |
|-------------------------------------|--|---|--|
| FULL NAME OF SOLE OR FIRST INVENTOR | LAST NAME Choi | FIRST NAME Kwing-So | MIDDLE NAME |
| RESIDENCE & CITIZENSHIP | CITY Nottingham | STATE or FOREIGN COUNTRY Great Britain | COUNTRY OF CITIZENSHIP Korea |
| POST OFFICE ADDRESS | POST OFFICE ADDRESS University of Nottingham, School of Mechanical, Materials, Manufacturing, Engineering and Management, University Park | CITY Nottingham | STATE or COUNTRY Great Britain ZIP CODE NG7 2RD |
| DATE | SIGNATURE OF INVENTOR | | |
| FULL NAME OF SECOND INVENTOR | LAST NAME Hutchins | FIRST NAME Nicholas | MIDDLE NAME |
| RESIDENCE & CITIZENSHIP | CITY Minneapolis | STATE or FOREIGN COUNTRY Minnesota | COUNTRY OF CITIZENSHIP Great Britain |
| POST OFFICE ADDRESS | POST OFFICE ADDRESS University of Minnesota, Department of Aerospace Engineering, 107 Ackerman Hall, lab 30, 100 Union Street SE | CITY Minneapolis | STATE or COUNTRY Minnesota ZIP CODE 55455 |
| DATE | SIGNATURE OF INVENTOR | | |
| FULL NAME OF THIRD INVENTOR | LAST NAME Chun | FIRST NAME Ho | MIDDLE NAME Hwan |
| RESIDENCE & CITIZENSHIP | CITY Busan | STATE or FOREIGN COUNTRY Korea | COUNTRY OF CITIZENSHIP Korea |
| POST OFFICE ADDRESS | POST OFFICE ADDRESS Pusan National University, 30 Changjeon-dong, Kumpeng-ku | CITY Busan | STATE or COUNTRY Korea ZIP CODE KRX |
| DATE | SIGNATURE OF INVENTOR 9th July 2005 | | |